

>>Intergas

## **Combi Compact HRE**

High-efficiency condensing combination boilers



>>**The smart choice** for heating and hot water



Intergas Heating is a longstanding leading Dutch manufacturer of high-efficiency condensing combination boilers. Their innovative technologies are transformed into highly-efficient, quality products. This brochure introduces you to the Intergas Combi Compact HRE high-efficiency condensing combination boiler range. A smart choice indeed!



# Intergas Combi Compact HRE: the latest generation of HE gas condensing combination boilers

The Netherlands has always been in the forefront of condensing boiler technology. Intergas has delivered a significant contribution by taking condensing boiler technology to a whole new level.

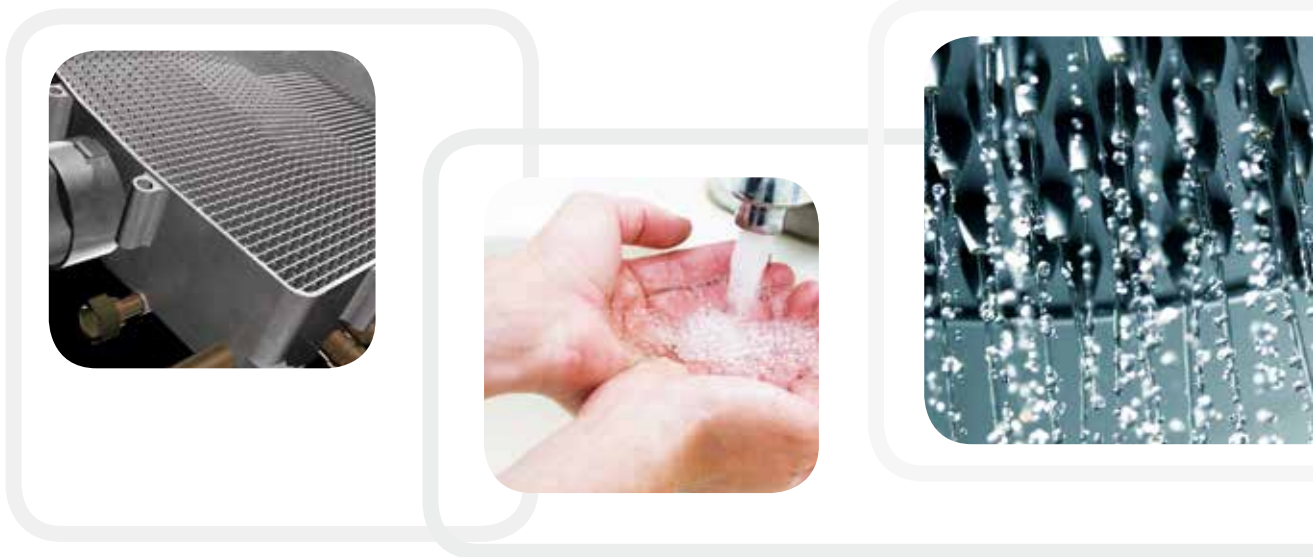


This ground breaking technology is known as 'Double High Efficiency'. Thanks to this technology the Intergas Combi Compact HRE boiler combines high-efficiency in both domestic hot water *and* central heating modes, resulting in a unique energy efficient design. Now for the first time these revolutionary boilers are available to customers in the UK.



Hot water in  
abundance and  
all the warmth  
you need





## >> Make the smart choice

In a combination boiler, hot water is supplied directly from within the unit. The absence of a hot water storage cylinder results in a considerable space saving.

A combination boiler should supply you with endless amounts of hot water. Therefore, the Intergas Combi Compact HRE boiler delivers just like no other boiler! To check which type of Combi Compact boiler is best suited for you and your specific requirements please refer to [www.intergasheating.co.uk](http://www.intergasheating.co.uk) for advice.







# Easy to use and easy to maintain

## >> The intelligent boiler

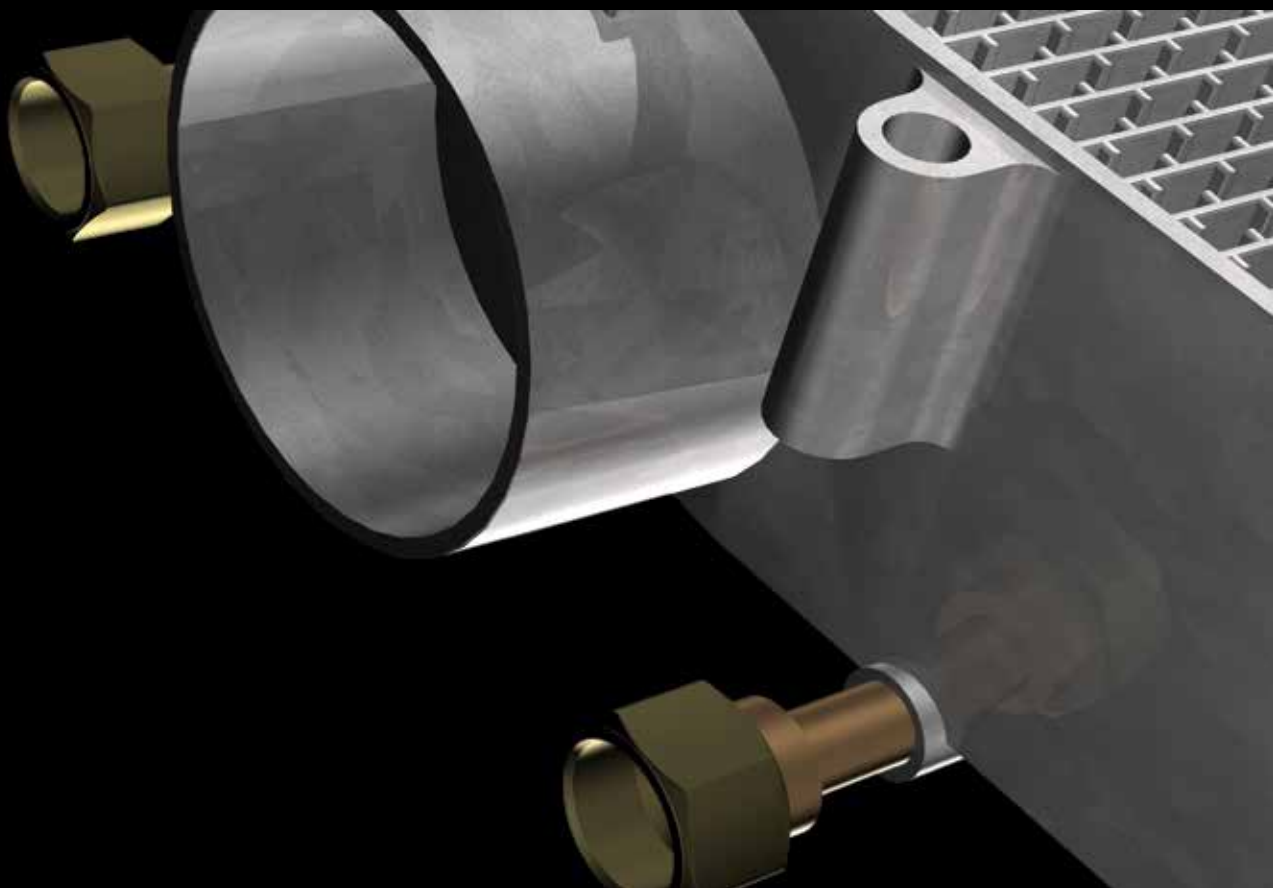
The Combi Compact HRE boiler is equipped with an infinitely modulating regulation, which automatically adjusts the capacity of the boiler to your requirements. Moreover, with the boiler's unique 'self learning' ECO-mode the domestic hot water comfort function automatically switches off during the night or periods of unused. The built in frost thermostat protects your system against any frost related damage. The Combi Compact HRE boiler not only works with the regular 'on/off' thermostats but also with programmable room thermostats.



## >> Maintenance made easy

Carrying out service and maintenance is very easy. All parts in the Combi Compact HRE boiler are easily accessible. Furthermore, most parts are interchangeable throughout the entire range. Intergas is proud of the fact that even its first condensing boilers can still be serviced today. A comforting thought!

Energy  
efficient and  
environmentally  
friendly



## >> Double High Efficiency

The secret of the energy efficient design of the Combi Compact HRE boilers lies in the unique patented double two-in-one heat exchanger, which ensures the reduction of heat losses and an optimum transfer of heat. The unsurpassed high-efficiency of the Intergas Combi Compact HRE ensures economical operation, year after year.



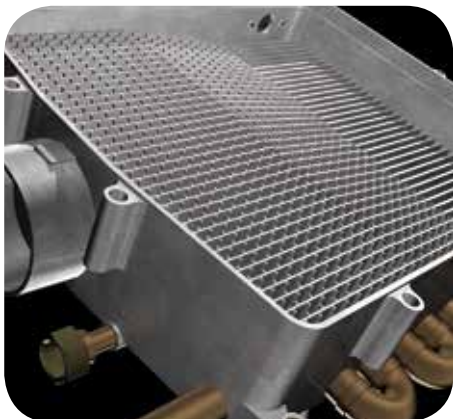
## >> Sound in all respects

Using an Intergas Combi Compact HRE high-efficiency boiler means you are contributing to caring for the environment. Thanks to the economical operation of the Intergas boiler a considerable saving in energy consumption is achieved. A switch-mode power supply reduces the so called stand-by losses to almost zero. Not surprisingly all Intergas Combi Compact HRE boilers have been given a SEDBUK A rating, the highest efficiency band available.

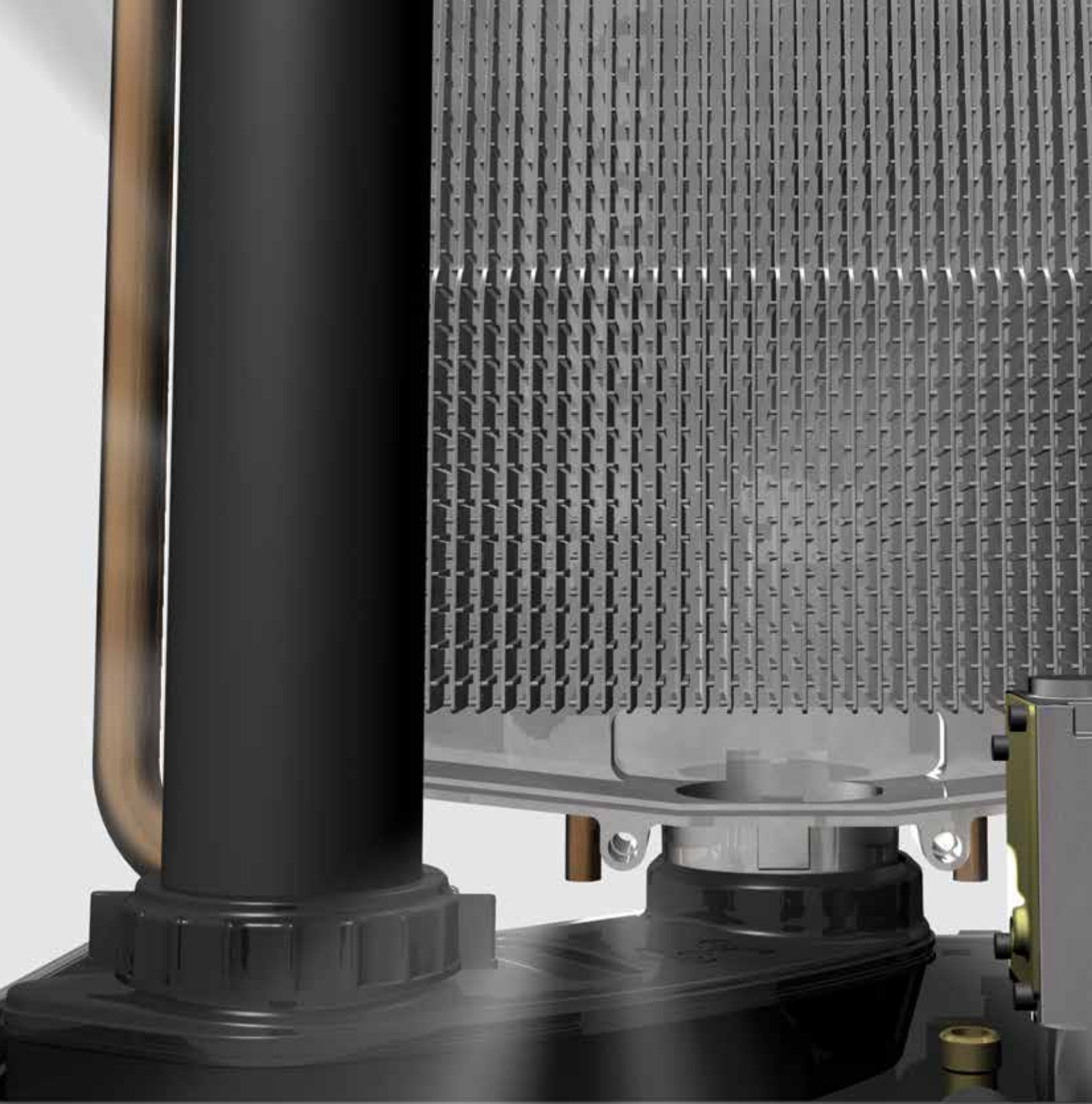


# Reliable technology and dependable operation

The heat exchanger forms the heart of every high efficiency boiler. That is why Intergas over many years has given so much expert attention to this specific component. Intergas is now one of the market leaders in innovative heat exchanger design.



The double two-in-one heat exchanger of the Intergas Combi Compact HRE high-efficiency boiler has over a period of more than 10 years proven to be extremely reliable. Due to the separate central heating and hot water circuits there is no need for using a diverter valve and secondary domestic hot water plate heat exchanger. This eliminates a significant source of possible future component failures. Less parts means more reliability!



# Ready for the future

A decision to purchase a new boiler isn't one to take lightly. You want to be absolutely sure that your boiler suits your current **and** future needs.

Whatever your future plans, your Intergas boiler will grow with you. If you wish to extend your property and need to change your central heating system to a heat only or sealed system application your HRE boiler provides a simple solution. With its unique built in technology

the Intergas HRE will allow you to convert from a Combi to a System boiler. All you have to do is make a few small adjustments within its control system. Why change the boiler when you can change the applications?



## >> Technical specifications

Technical specifications Intergas Combi Compact HRE		24/18	28/24	36/30
<b>DHW</b>				
Nom. power rating (lower value)	kW	5.6 - 22.1	7.2 - 28.0	7.6 - 32.7
Domestic hot water threshold	l/min	2	2	2
DHW Flow Rate at 40°C	l/min	10	12.5	15
DHW Flow Rate at 60°C	l/min	6	7.5	9
ΔT 25 °C	l/min	12	15	18
ΔT 35 °C	l/min	9	11	13
DHW temperature (factory setting)	°C	55	55	55
<b>CH</b>				
Nom. input rating (lower value)*	kW	5.6 - 18.7	7.2 - 23.7	7.6 - 27.0
Rated power*	kW	6.0 - 18.2	7.7 - 23.1	8.2 - 26.6
Max. CH water pressure	bar	3	3	3
Max. CH water temperature	°C	90	90	90
<b>Boiler dimensions and weight</b>				
Height	mm	590	650	710
Width	mm	450	450	450
Depth	mm	240	240	240
Weight	kg	30	33	36

We have a policy for continual improvement and development, therefore we reserve the right to change specifications without prior notice.



Intergas boilers are manufactured in a Kiwa ISO 9001 certified production facility.



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